

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090424AL\
 Data File : FE049914.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2024 13:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2024
 Supervised By :Ankita Jodhani 09/05/2024

Integration File: autoint1.e
 Quant Time: Sep 05 01:20:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.879	3350909	20.722 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
12) S 1-chlorooctadecane (S...	13.314	2540209	20.820 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
Target Compounds			
1) T n-Nonane (C9)	3.269	3166669	20.463 ug/ml
2) T n-Decane (C10)	4.520	3234492	20.486 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3308626	20.620 ug/ml
4) T n-Dodecane (C12)	6.687	3231950	20.558 ug/ml
5) T A~2-methylnaphthalene...	7.323	3109416	20.763 ug/ml
6) T n-Tetradecane (C14)	8.514	3163697	20.493 ug/ml
7) T n-Hexadecane (C16)	10.120	3234334	20.709 ug/ml
8) T n-Octadecane (C18)	11.562	3256071	20.732 ug/ml
10) T n-Eicosane (C20)	12.869	3109062	20.823 ug/ml
11) T n-Heneicosane (C21)	13.480	3044585	20.754 ug/ml
13) T n-Docosane (C22)	14.066	3022642	20.738 ug/ml
14) T n-Tetracosane (C24)	15.168	3064263	21.065 ug/ml
15) T n-Hexacosane (C26)	16.186	3021465	20.935 ug/ml
16) T n-Octacosane (C28)	17.134	3039041	21.099 ug/ml
17) T n-Tricontane (C30)	18.021	3135788	20.947 ug/ml
18) T n-Dotriacontane (C32)	18.852	3199582	21.150 ug/ml
19) T n-Tetratriacontane (C34)	19.635	3245449	21.229 ug/ml
20) T n-Hexatriacontane (C36)	20.373	3222814	21.223 ug/mlm
21) T n-Octatriacontane (C38)	21.101	3278184	20.886 ug/ml
22) T n-Tetracontane (C40)	21.993	3296760	21.593 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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